

Special Issue

Digital Twin in the Context of Manufacturing

Message from the Guest Editors

This Special Issue aims to provide a forum to present the state of the art in the development and application of digital twin technologies in manufacturing, and to introduce innovative approaches to address issues that are currently limiting the application potentials of digital twin technologies. Researchers are invited to submit their work related to, but not limited to, the following topics:

- Development of digital twins of manufacturing (and metrology) process/systems/products;
- Novel technologies underpinning the digital twin technology;
- Innovative approaches to improve accuracy of the digital twin;
- Application of digital twins to improve the physical systems;
- Monitoring and predictive correction/control/maintenance;
- Digital twin-enabled production visualization and management.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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